

25X1C [REDACTED] Approved For Release 2000/06/30 : CIA-RDP78B04560A004800010030-3

PHOTOGRAPHIC INTERPRETATION REPORT



OCTOBER SUMMARY REPORT

[REDACTED]

SELECTED TARGETS
NORTH VIETNAM AND LAOS

NPIC/R-342/65
NOVEMBER 1965

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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PREFACE

This report provides a summary of photographic interpretation of selected COMOR targets and other targets in North Vietnam and Laos considered significant by the National Photographic Interpretation Center (NPIC).

Each installation report includes target name, geographic coordinates, WAC number, BE number (as appropriate), and NPIC number followed by the locator line, COMOR target number (as appropriate), and summary description suitable for the most recent mission included.

The date, mission number, photo reference data, and limiting conditions are given for each mission with OB information (as appropriate) listed directly above.

Only AAA defenses considered to be integral components of an installation are reported. They are divided

into three basic categories: light (ZPU-1, ZPU-2, ZPU-4, 37mm), medium (57mm, 85mm), and heavy (100mm and larger). The term HMGAA (heavy machine gun anti-aircraft) indicates a weapon smaller than a ZPU-1. When a category cannot be determined, the site is listed as an AAA site and the number of guns indicated (Ex.: 6-gun AAA site, occupied/unoccupied).

Targets are arranged 1) by country, 2) within the country by subject, 3) within the subject by WAC number, and 4) within the WAC number by geographic coordinates in ascending order.

An appendix explaining column headings, photo reference data, COMOR target numbers, and abbreviations for limiting conditions concludes the report.


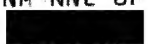


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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>MILITARY INSTALLATIONS</p> <p>SAM NEUA MILITARY AREAS</p> <p>FIVE MILITARY AREAS REFERENCED FROM SAM NEUA.</p> <p>COMOR [REDACTED]</p> <p>25X1A AREA A (SOUTH EDGE AT UTM VH010571, SAM NEUA</p> <p>25X1A ARMY BARRACKS SOUTH, [REDACTED] -- 25</p> <p>SMALL BARRACKS/SUPPORT AND 1 LARGE</p> <p>ADMINISTRATION BUILDING. IMMEDIATELY WEST A</p> <p>SMALL STORAGE/SUPPORT AREA CONTAINS 2</p> <p>BARRACKS-TYPE, 1 PROBABLE STORAGE, AND 2</p> <p>SUPPORT BUILDINGS AND 1 BUILDING UNDER</p> <p>CONSTRUCTION.</p> <p>25X1A AREA B (0.8 NM ENE AND JUST NW OF SAM NEUA</p> <p>AIRFIELD AT UTM VH025577, SAM NEUA ARMY</p> <p>SUPPLY DEPOT, [REDACTED] -- 7</p> <p>BARRACKS-TYPE, 1 ADMINISTRATION, 1 REVETTED</p> <p>STORAGE, AND 4 SUPPORT BUILDINGS. A</p> <p>STRONGPOINT, EAST OF THE DEPOT OVERLOOKING</p> <p>ROUTE 6 AND SAM NEUA AIRFIELD, CONTAINS 5</p> <p>BUILDINGS ENCLOSED BY TRENCHES WITH</p> <p>NUMEROUS FIRING BAYS.</p> <p>AREA C (0.2 NM EAST ON NORTH SIDE OF ROUTE 6</p> <p>AT UTM VH015573) -- 1 LARGE BARRACKS, 1</p> <p>MESSHALL, AND 3 SUPPORT BUILDINGS. A</p> <p>STRONGPOINT EAST OF THE CAMP CONTAINS 5</p> <p>BUILDINGS ENCLOSED BY TRENCHES. SEVERAL TRAILS</p> <p>CONNECT STRONGPOINT TO THE CAMP. THE</p> <p>STRONGPOINT IS ALSO CONNECTED TO ROUTE 6 BY</p> <p>ROAD.</p> <p>AREA D (WESTERN EDGE OF SAM NEUA AT UTM</p> <p>VH010574 ON BOTH SIDES OF ROAD) -- 1 LARGE</p>	2025N 10403E	0616		136-C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
U-SHAPED ADMINISTRATION, 3 T-SHAPED PROBABLE BARRACKS, AND 4 SUPPORT BUILDINGS ON WEST SIDE OF ROAD, AND 4 PROBABLE BARRACKS AND 5 SUPPORT BUILDINGS ON EAST SIDE OF ROAD. BOTH AREAS PARTIALLY SECURED. AREA E (1.7 NM EAST AT UTM VH039583) -- 3 CAMOUFLAGED BARRACKS-TYPE AND 4 CAMOUFLAGED SUPPORT BUILDINGS. AREA APPEARS SECURED WITH A GATE ACROSS ACCESS ROAD.  -NORTH VIETNAM- MISSILES THANH HOA SAM SITE B01-2 19.5 NM NNE OF THANH HOA AT UTM WH875230. COMOR  SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 2 REVETTED MISSILE-HOLD POSITIONS, AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. ACTIVITY -- 4 LAUNCH POSITIONS CONTAIN UNIDENTIFIED OBJECTS. 				
25X1D				
25X1A	2006N 10550E	0616	25X1A 	518
25X1D				

25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1A THANH HOA SAM SITE B02-2 19.5 NM NNE OF THANH HOA AT UTM WH 885230. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 1 PROBABLE MISSILE-HOLD POSITION, AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. [REDACTED]	2006N 10550E	0616	25X1A [REDACTED]	518-A
25X1D THANH HOA SAM SITE C02-2 21.8 NM NNE OF THANH HOA AT UTM WH957288. COMOR [REDACTED] SA-2 SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. [REDACTED]	2009N 10554E	0616	[REDACTED]	231-D
25X1A HANOI SAM SITE D19-2 37 NM SSW OF HANOI AT UTM WH818553. COMOR [REDACTED] SA-2 SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. [REDACTED]	2023N 10547E	0616	[REDACTED]	353-A
25X1D HANOI SAM SUPPORT FACILITY 22.5 NM SW OF HANOI AT 20-44-58N 105-39-10E. PARTIALLY CAMOUFLAGED FACILITY CONTAINS 6 SMALL DRIVE-THROUGH BUILDINGS, 3 TURN AROUND LOOP ROADS WITH ADJACENT BUILDINGS, 1 BUNKERED BUILDING, AT LEAST 15 OTHER BUILDINGS, AND NUMEROUS WIDE TURN RADIUS	2044N 10539E	0616	[REDACTED]	269-A

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	ROADS. OB -- 1 MISSILE TRANSPORTER AND 2 POSSIBLE MISSILE TRANSPORTERS. ACTIVITY -- 5 UNIDENTIFIED VEHICLES. [REDACTED]				
25X1D	OB -- 1 PROBABLE AND 2 POSSIBLE MISSILE TRANSPORTERS. [REDACTED]			25X1A	
25X1A	HANOI SAM SITE B17-2 15 NM SSE OF HANOI AT UTM WH948982. COMOR [REDACTED] SITE CONTAINS 6 LAUNCH POSITIONS, 3 REVETTED MISSILE-HOLD POSITIONS, AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.	2047N 10554E	0616	[REDACTED]	114-G
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE B21-2 11 NM SW OF HANOI AT UTM WJ786072. COMOR [REDACTED] SA-2 SITE CONSISTS OF 6 LAUNCH REVETMENTS, 3 MISSILE-HOLD REVETMENTS, AND A CENTRAL GUIDANCE REVETMENT. OB -- NONE OBSERVED.	2051N 10545E	0616	[REDACTED]	114-H
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE A17-2 9.5 NM SSE OF HANOI RR YARD AT UTM WJ945081. COMOR [REDACTED] SITE CONSISTS OF 6 LAUNCH POSITIONS, AT LEAST 1 MISSILE-HOLD POSITION, AND A CENTRAL GUIDANCE POSITION, IN A POSSIBLE LINK CONFIGURATION.	2052N 10554E	0616	[REDACTED]	266-D

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D OB -- NONE OBSERVED. [REDACTED]				
25X1A HANOI SAM SITE B25-2 14.5 NM SW OF HANOI AT UTM WJ641127. COMOR [REDACTED] SITE CONTAINS 6 PARTIALLY REVETTED LAUNCH POSITIONS, 1 MISSILE-HOLD POSITION, 2 PROBABLE MISSILE-HOLD POSITIONS, AND A PARTIALLY REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.	2054N 10536E	0616		266-E
25X1D [REDACTED]			25X1A	
25X1A HANOI SAM SITE A19-2 6.6 NM SOUTH OF HANOI AT UTM WJ880140. COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A POSSIBLE REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.	2055N 10550E	0616		266-F
25X1D [REDACTED]				
25X1A HAIPHONG SAM SITE A20-2 6 NM SOUTH OF HAIPHONG AT UTM XH720940. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS (2 IN ADVANCE STAGE AND 4 IN VARYING STAGES OF CONSTRUCTION), 3 MISSILE-HOLD POSITIONS, AND A CENTRAL GUIDANCE AREA IN EARLY STAGE OF CONSTRUCTION. OB -- NONE OBSERVED.	2044N 10639E	0616		109-V
25X1D [REDACTED]				
HANOI SAM SITE B12-2 13 NM ESE OF HANOI AT UTM XJ111165.	2056N 10604E	0616		312-A

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	COMOR [REDACTED] COMPLETED SITE CONTAINS 6 LAUNCH POSITIONS, 3 MISSILE-HOLD REVETMENTS, AND A CENTRAL GUIDANCE REVETMENT IN LINK CONFIGURATION. OB -- NONE OBSERVED.				
25X1D	[REDACTED]			25X1A	
25X1A	HANOI SAM SITE A24-2 8 NM SW OF HANOI AT UTM WJ759164. COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE POSITION, AND 3 MISSILE-HOLD POSITIONS. OB -- NONE OBSERVED.	2056N 10543E	0616	[REDACTED]	256-F
25X1D	[REDACTED]				
25X1A	YEN BAI SAM SITE A31-2 2.2 NM NW OF YEN BAI AT UTM VK847017. COMOR [REDACTED] SITE APPEARS DETERIORATED AND ABANDONED. OB -- NONE OBSERVED.	2143N 10451E	0616	[REDACTED]	147-C
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE B29-2 11.4 NM WNW OF HANOI AT UTM WJ677300. COMOR [REDACTED] SA-2 SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 3 REVETTED MISSILE-HOLD POSITIONS, AND AN UNREVIEWED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.	2104N 10539E	0616	[REDACTED]	462-K
25X1D	[REDACTED]				
	HANOI SAM SITE A29-2 10 NM WNW OF HANOI AT UTM WJ709302.	2104N 10541E	0616	[REDACTED]	462-J

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE POSITION, 3 REVVETTED MISSILE-HOLD POSITIONS, AND A ROAD LEADING TO AN ACQUISITION RADAR POSITION. OB --- NONE OBSERVED.	2105N 10529E	0616	25X1A	114-J
25X1D	[REDACTED]			[REDACTED]	
25X1D	[REDACTED]			[REDACTED]	
25X1A	HANOI SAM SITE C28-2 20.5 NM WNW OF HANOI AT UTM WJ508319. COMOR [REDACTED] SITE CONSISTS OF 6 LAUNCH REVETMENTS, 2 MISSILE-HOLD REVETMENTS, 1 PROBABLE MISSILE-HOLD POSITION, AND A CENTRAL GUIDANCE REVETMENT. OB --- NONE OBSERVED.	2106N 10539E	0616	25X1A	462-L
25X1D	[REDACTED]			[REDACTED]	
25X1D	[REDACTED]			[REDACTED]	
25X1A	HANOI SAM SITE B30-2 12 NM WNW OF HANOI AT UTM WJ678347. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 2 MISSILE-HOLD POSITIONS, AND A CENTRAL GUIDANCE AREA IN A STAR CONFIGURATION. OB --- NONE OBSERVED.	2110N 10522E	0616	25X1A	200-B
25X1D	[REDACTED]			[REDACTED]	
25X1D	[REDACTED]			[REDACTED]	
25X1A	HANOI SAM SITE C29-2 28 NM WNW OF HANOI AND 0.8 NM NW OF CAM DAI ARMY BARRACKS AT UTM WJ387414. COMOR [REDACTED] SA-2 SITE CONSISTS OF 6 COMPLETED LAUNCH REVVETMENTS AND A COMPLETED CENTRAL				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>GUIDANCE REVETMENT. OB -- NONE OBSERVED. ACTIVITY -- 1 UNIDENTIFIED OBJECT IN LAUNCH REVETMENT.</p> <p>[REDACTED] 25X1D</p>				
<p>HANOI SAM SITE C30-2 30 NM WNW OF HANOI AT UTM WJ374461 JUST SOUTH OF PHU NHIEU BARRACKS AND STORAGE. 25X1A COMOR [REDACTED] SITE CONSISTS OF 6 LAUNCH REVETMENTS AND A CENTRAL GUIDANCE REVETMENT. CABLE TRENCHES EXTEND OUTWARD FROM THE CENTRAL GUIDANCE REVETMENT TO EACH LAUNCH REVETMENT.</p> <p>[REDACTED] 25X1B 25X1B</p>	2113N 10521E	0616	25X1A [REDACTED]	200-C
<p>OB -- NONE OBSERVED.</p> <p>[REDACTED] 25X1D</p>				
<p>HANOI SAM SITE D31-2 33.5 NM NW OF HANOI AT UTM WJ381611. COMOR [REDACTED] 25X1A SA-2 SITE CONTAINS 6 REVETTED LAUNCH POSITIONS OF IRREGULAR CONFIGURATION AND A CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.</p> <p>[REDACTED] 25X1D</p>	2121N 10522E	0616	25X1A [REDACTED]	378-A
<p>HANOI SAM SITE D31B-2 36.6 NM NW OF HANOI AT UTM WJ346662. COMOR [REDACTED] 25X1A SA-2 SITE CONTAINS 6 REVETTED LAUNCH</p>	2123N 10520E	0616	25X1A [REDACTED]	378-C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- 6 UNIDENTIFIED OBJECTS (1 IN EACH LAUNCH POSITION).</p> <p>25X1D [REDACTED]</p> <p>HANOI SAM SITE D31A-2 38.7 NM NW OF HANOI AT UTM WJ297664. COMOR [REDACTED]</p> <p>25X1A SITE CONTAINS 4 REVETTED LAUNCH POSITIONS AND A PROBABLY UNRETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.</p> <p>25X1D [REDACTED]</p> <p>HANOI SAM SITE C07-2 33 NM NNE OF HANOI AT UTM XJ368532. COMOR [REDACTED]</p> <p>25X1A SA-2 SITE CONTAINS 6 REVETTED LAUNCH POSITIONS IN AN IRREGULAR PATTERN, 2 MISSILE-HOLD POSITIONS, AND A REVETTED CENTRAL AREA. OB -- 6 LAUNCHERS WITH MISSILES, FANSONG RADAR, AND ASSOCIATED EQUIPMENT.</p> <p>25X1D [REDACTED]</p> <p>HANOI SAM SITE C06-2 29 NM NNE OF HANOI AT UTM XJ301579. COMOR [REDACTED]</p> <p>25X1A SA-2 SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND AN UNRETTED CENTRAL GUIDANCE POSITION. OB -- NONE OBSERVED.</p> <p>25X1D [REDACTED]</p> <p>HANOI SAM SITE E07-2 46.5 NM NE OF HANOI AT UTM XJ657642.</p>	<p>2124N 10517E</p> <p>2116N 10619E</p> <p>2119N 10615E</p> <p>2122N 10635E</p>	<p>0616</p> <p>0616</p> <p>0616</p> <p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>378-B</p> <p>238-G</p> <p>238-H</p> <p>397-D</p>

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	COMOR [REDACTED] SA-2 SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS IN A CIRCULAR PATTERN, 2 MISSILE-HOLD POSITIONS, AND A REVETTED CENTRAL GUIDANCE POSITION. OB -- 6 LAUNCHERS WITH MISSILES, FANSONG RADAR AND ASSOCIATED EQUIPMENT, AND 11 MISSILE TRANSPORTERS WITH 6 MISSILES.				
25X1D	[REDACTED]				
	AIR INSTALLATIONS				
	DO SON AIRFIELD 0.4 NM EAST OF DO SON.	2042N 10648E	0616	25X1A [REDACTED]	106
25X1A	COMOR [REDACTED] 3,600 X 150 FT N/S SOD RUNWAY, UNSERVICEABLE, APPARENTLY ABANDONED. THE 18 PARKING REVETMENTS ON WEST SIDE OF RUNWAY ARE DETERIORATING. APPARENTLY UNOCCUPIED FACILITIES ON EAST SIDE OF RUNWAY INCLUDE 2 LARGE HANGARS AND SEVERAL BARRACKS. TWO PROBABLY ABANDONED POL TANKS OBSERVED 1,000 FT SSW OF SOUTH END OF RUNWAY. OB -- NONE OBSERVED.				
25X1D	[REDACTED]				
25X1A	HAIPHONG/KIEN AN AIRFIELD 5 NM SW OF HAIPHONG. COMOR [REDACTED] 5,900 X 80 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE PARALLEL TAXIWAY TO THE SOUTH WITH 2 END-CONNECTING AND 4 CROSSOVER LINKS, 2 PARKING APRONS, AND 30 PARKING	2048N 10636E	0616	25X1A [REDACTED]	109-8

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>REVETMENTS. NEW GRADING ACTIVITY OBSERVED AT NE END OF RUNWAY ON THE OVERRUN AREA. RUNWAY MAY BE EXTENDED APPROXIMATELY 600 FT AT THIS END, HOWEVER, NO NEW RUNWAY BED IS OBSERVED.</p> <p>OB -- NONE OBSERVED.</p>				
<p>DIEN BIEN PHU AIRFIELD</p> <p>0.5 NM NORTH OF DIEN BIEN PHU.</p> <p>COMOR TARGET NO [REDACTED]</p> <p>APPROXIMATELY 4,000 X 90 FT NNW/SSE ASPHALT AND LATERITE RUNWAY WITH NUMEROUS CRATERS, UNSERVICEABLE.</p> <p>FACILITIES INCLUDE 1 ADMINISTRATION AND 3 SUPPORT BUILDINGS.</p> <p>NUMEROUS BOMB CRATERS OBSERVED ADJACENT TO RUNWAY.</p> <p>PILES OF PROBABLE AGREGATE OBSERVED ALONG SSE EDGE OF RUNWAY.</p> <p>OB -- NONE OBSERVED.</p>	2123N 10301E	0616	25X1A	105
<p>KEP AIRFIELD</p> <p>1 NM SW OF KEP AT UTM XJ31766E.</p> <p>COMOR [REDACTED]</p> <p>5,975 X 155 FT NE/SW CONCRETE RUNWAY, SERVICEABLE, WITH GRADED EARTH OVERRUNS AT EACH END.</p> <p>FACILITIES INCLUDE A CONTROL TOWER/OPERATIONS BUILDING, 5 BARRACKS/STORAGE BUILDINGS, 9 SMALLER ASSOCIATED BUILDINGS, A WEATHER STATION, AND 16 AIRCRAFT REVETMENTS.</p> <p>AIRFIELD IS SERVED BY A RAIL SPUR FROM THE</p>	2124N 10616E	0616	25X1A	211

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	HANOI/LANG SON LINE TO THE NE END OF GRADED EARTH OVERRUN. OB -- 9 FAGOT/FRESCO. [REDACTED]				
25X1A	VINH AIRFIELD 3.5 NM NORTH OF VINH. COMOR [REDACTED] 6,400 X 190 FT N/S LATERITE RUNWAY, UNSERVICEABLE. FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 1 CROSSOVER LINK, 2 ALERT APRONS, A PARKING APRON, 13 REVETTED PARKING PADS, A CONTROL TOWER/OPERATIONS BUILDING AND SEVERAL MAINTENANCE/SUPPORT BUILDINGS. AIRFIELD SUBJECTED TO AIR STRIKE. APPROXIMATELY 25 BOMB CRATERS OBSERVED ON AND ADJACENT TO NORTH END OF RUNWAY. OB -- NONE OBSERVED. [REDACTED]	1843N 10540E	0617	25X1A [REDACTED]	128-A
25X1D	[REDACTED]				
25X1A	MILITARY INSTALLATIONS BAN XOM LOM BARRACKS & HQ 335TH INF BRIGADE FIVE AREAS REFERENCED FROM BAN XOM LOM. COMOR [REDACTED] AREA A (0.5 NM SW AT UTM VJ714017) -- 16 BARRACKS-TYPE, 2 ADMINISTRATION, 2 STORAGE, 1 MESSHALL, AND APPROXIMATELY 20 MISCELLANEOUS BUILDINGS. AREA B (AT BAN XOM LOM AT UTM VJ720022) --	2050N 10441E	0616	25X1A [REDACTED]	145













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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>88 BARRACKS-TYPE, 6 ADMINISTRATION, 3 STORAGE, 10 SECURED PROBABLE AMMUNITION STORAGE, 4 MESSHALL, AND NUMEROUS ASSOCIATED BUILDINGS.</p> <p>AREA C (0.5 NM SE AT UTM VJ726017) -- 5 BARRACKS-TYPE, 1 ADMINISTRATION, 1 MESSHALL, AND 20 MISCELLANEOUS BUILDINGS.</p> <p>AREA D (1 NM EAST AT UTM VJ739022) -- 22 BARRACKS-TYPE, 2 ADMINISTRATION, 2 STORAGE, 1 MESSHALL, AND APPROXIMATELY 10 MISCELLANEOUS BUILDINGS.</p> <p>AREA E (1.8 NM NW AT UTM VJ694056) -- 9 STORAGE AND 3 MISCELLANEOUS BUILDINGS.</p> <p>[REDACTED]</p> <p>25X1D</p> <p>MOC CHAU MILITARY INSTALLATIONS</p> <p>THREE MILITARY AREAS REFERENCED FROM INTERSECTION OF ROUTES 68 AND 6.</p> <p>COMOR [REDACTED]</p> <p>25X1A</p> <p>AREA A (0.3 NM NW AT UTM WJ603058) -- 7 BARRACKS, 3 ADMINISTRATION, 8 STORAGE, 4 PARTIALLY DESTROYED, AND 16 MISCELLANEOUS BUILDINGS.</p> <p>AREA B (0.1 NM SOUTH AT UTM VJ606052) -- 7 BARRACKS, 4 ADMINISTRATION, 6 STORAGE, AND 8 MISCELLANEOUS BUILDINGS.</p> <p>AREA C (0.4 NM EAST AT UTM VJ613054) -- 1 PARTIALLY DISMANTLED VEHICLE SHED, 3 STORAGE/MAINTENANCE, AND 4 MISCELLANEOUS BUILDINGS.</p> <p>OB-- NONE OBSERVED.</p>	2050N 10437E	0616		122

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D				25X1A	
25X1A	BAN XOM LOM ARMY BARRACKS WEST 2 NM WNW OF BAN XOM LOM AT UTM VJ670038. COMOR TARGET NO  DISPERSED AREA CONTAINS APPROXIMATELY 75 BARRACKS/STORAGE, 2 ADMINISTRATION, AND NUMEROUS SMALL SUPPORT BUILDINGS.	2050N 10441E	0616		145-A
25X1D					
25X1A	HOAI AN AMMUNITION DEPOT 1 NM NNE OF HOAI AN. COMOR  AT LEAST 5 BUILDINGS REMAIN. NUMEROUS BOMB CRATERS OBSERVED. HEAVY GROUND SCARRING OBSERVED IN OPEN AREA 1 NM EAST OF DEPOT. OB -- NONE OBSERVED.	2026N 10533E	0616		490
25X1D					
25X1A	HOA BINH ARMY BARRACKS 2.2 NM SSE OF HOA BINH. COMOR  SECURED BARRACKS AREA CONTAINS 11 BARRACKS, 1 ADMINISTRATION, 2 MESSHALL, 2 STORAGE, AND 6 SUPPORT BUILDINGS.	2047N 10521E	0616		317
25X1D					
25X1A	XUAN MAI BKS AND HQ INF BDE SSW 1 NM SW OF XUAN MAI AT UTM WJ596105. COMOR  INSTALLATION CONTAINS 226 BARRACKS-TYPE, 88	2054N 10535E	0616		261

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
ADMINISTRATION-TYPE, 99 STORAGE-TYPE, 5 REVERTED AMMUNITION STORAGE, 29 MESSHALL, AND NUMEROUS MISCELLANEOUS BUILDINGS AND 3 ATHLETIC FIELDS. TRENCHING AND REVETMENTS OBSERVED THROUGHOUT AREA. ACTIVITY -- 2 OCCUPIED 4-GUN AAA SITES. [REDACTED]	2119N 10301E	0616	25X1A	105-A
DIEN BIEN PHU HQ 316 INFANTRY BRIGADE TEN SMALL MILITARY AREAS REFERENCED FROM CENTER OF DIEN BIEN PHU AIRFIELD. COMOR [REDACTED]			[REDACTED]	[REDACTED]
AREA A (1.2 NM NNW AT UTM TJ928685) -- AREA RAZED. AREA B (1.2 NM NW AT UTM TJ917679) -- 6 BARRACKS, 1 ADMINISTRATION, 2 STORAGE (1 WITH MONITOR ROOF), AND 4 MISCELLANEOUS BUILDINGS. AREA C (0.7 NM NE AT UTM TJ947677) -- AREA RAZED, ONLY 6 BUILDINGS REMAIN. AREA D (1.1 NM ENE AT UTM TJ957677) -- 12 BARRACKS, 3 ADMINISTRATION, 3 PROBABLE AMMUNITION STORAGE, 2 VEHICLE MAINTENANCE, 2 MESSHALL, AND 7 MISCELLANEOUS SUPPORT BUILDINGS. AREA E (0.3 NM SOUTH AT UTM TJ938659) -- AREA COMPLETELY DESTROYED. ONE DAMAGED AND 1 DISMANTLED BUILDING REMAIN. AREA F (0.5 NM EAST AT UTM TJ947655) -- 2 LARGE AND 3 SMALL ADMINISTRATION, 1 MESSHALL, 1 LARGE STORAGE, AND NUMEROUS SMALL SUPPORT BUILDINGS. AREA G (1 NM ESE AT UTM TJ957660) -- 3 BARRACKS, 1 MESSHALL, AND 10 SMALL SUPPORT BUILDINGS REMAIN. AREA H (0.8 NM SSE AT UTM TJ947655) --			[REDACTED]	[REDACTED]

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25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>4 SUPPORT BUILDINGS REMAIN. AREA I (1.6 NM SSE AT UTM TJ938637) -- 3 BARRACKS, 1 ADMINISTRATION, AND 2 SUPPORT BUILDINGS. AREA J (AT DIEN BIEN PHU AT UTM TJ939627) -- 16 SCATTERED BUILDINGS REMAIN.</p> <p>[REDACTED]</p>	25X1D 25X1D			
<p>BAN PHIENG HAY AMMUNITION DEPOT IN BAN PHIENG HAY VICINITY. COMOR [REDACTED] 25X1A</p> <p>AREA A -- AREA HEAVILY CRATERED. SIX-TO-EIGHT POSSIBLE STORAGE BUNKERS ON LOOP ROAD AND 2 SUPPORT BUILDINGS ON ACCESS ROAD APPEAR INTACT. NO SIGN OF RECENT ACTIVITY NOTED. AREA B -- 2 SEVERELY DAMAGED AND 2 PARTIALLY DAMAGED BUILDINGS REMAIN WITHIN PERIMETER TRENCHING. OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2124N 10356E 25X1D	0616	25X1A [REDACTED]	351-A
<p>YEN SON AMMUNITION DEPOT 3.2 NM EAST OF PAU HIEN AT UTM WK130030. COMOR [REDACTED] 25X1A</p> <p>IRREGULARLY SHAPED FENCED AREA CONTAINS 21 REVETTED DISPERSED STORAGE BUILDINGS (7 DAMAGED). AN ADJACENT SUPPORT AREA CONTAINS 1 DAMAGED ADMINISTRATION-TYPE AND 5 STORAGE/ SUPPORT BUILDINGS.</p> <p>[REDACTED]</p>	2135N 10459E 25X1D	0616	25X1A [REDACTED]	464
<p>QUANG KHE NAVAL BASE CUU DINH THREE SEPARATE AREAS ON THE NORTH AND SOUTH</p>	1742N 10629E	0617	25X1A [REDACTED]	288

25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	BANKS OF SONG GIANG (RIVER). COMOR [REDACTED] AREA A (ON NORTH BANK OF RIVER AT UTM XE570582) -- 1 T-HEAD PIER, 3 BARRACKS, 1 ADMINISTRATION, AND 4 SUPPORT BUILDINGS HAVE BEEN DAMAGED OR DESTROYED BY AIR STRIKE. A BOAT REPAIR FACILITY WEST OF INSTALLATION CONTAINS 1 WINCH HOUSE AND A DAMAGED MARINE RAILWAY. AREA B (ON SOUTH BANK AT UTM XE574575) -- 1 L-SHAPED AND 2 SMALL FINGER PIERS. THREE BARRACKS, 18 BARRACKS/STORAGE (11 DAMAGED), 1 ADMINISTRATION, 1 LARGE VEHICLE MAINTENANCE, AND 26 SMALL SUPPORT BUILDINGS REMAIN. AREA C (JUST EAST OF AREA B AT UTM XE582574) -- 11 BARRACKS, 1 STORAGE-TYPE, 1 MESSHALL, AND 8 SMALL SUPPORT BUILDINGS. VESSELS -- NONE OBSERVED. [REDACTED]				
25X1D	[REDACTED]				
25X1D	[REDACTED]				
25X1D	[REDACTED]				
25X1A	BA DON NAVAL BASE 2 NM SE OF BA DON, ON EAST BANK RAO NAY (RIVER). COMOR [REDACTED] FACILITIES INCLUDE 1 T-HEAD PIER WITH ONLY HEAD REMAINING AND MINOR SUPPORT FACILITIES. OB -- 1 PARTIALLY SUBMERGED SWATOW. ACTIVITY -- 1 OCCUPIED 8-GUN MEDIUM AAA SITE. [REDACTED]	1743N 10626E	0617	25X1A [REDACTED]	102-D
25X1D	[REDACTED]				
25X1D	[REDACTED]				

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25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	[REDACTED]				
25X1A	HON GIO MILITARY BARRACKS AREA ILE DU TIGRE SW END OF ILE DU TIGRE. COMOR [REDACTED] INSTALLATION DESTROYED.	1710N 10720E	0617	25X1A [REDACTED]	354
25X1D	[REDACTED]				
25X1A	VINH MILITARY INSTALLATIONS SIX MILITARY INSTALLATIONS IN VINH AREA. COMOR [REDACTED] AREA A (IN VINH AT UTM WH710643, VINH ARMY BKS CITADEL, [REDACTED] -- 25 BARRACKS- TYPE, 7 ADMINISTRATION, 13 STORAGE, 3 MESSHALL, AND APPROXIMATELY 30 MISCELLANEOUS BUILDINGS. AREA B (0.9 NM NW OF VINH CITADEL AT UTM WF700655, VINH HQ MIL REGION IV, [REDACTED] -- 27 BARRACKS, 12 ADMINISTRATION, 8 STORAGE, 2 MESSHALL, 1 MAINTENANCE, AND APPROXIMATELY 25 MISCELLANEOUS BUILDINGS. AREA HEAVILY STRUCK. APPROXIMATELY 60 BUILDINGS DAMAGED/DESTROYED. AREA C (1.5 NM NW OF VINH AT UTM WF696664, VINH ARMY BKS NW, [REDACTED] -- 13 BARRACKS, 2 ADMINISTRATION/SUPPORT, 2 STORAGE, AND 1 MESSHALL BUILDING AND APPROXIMATELY 10 MISCELLANEOUS SHEDS. AREA D (1.5 NM EAST OF VINH AT UTM WF696664, VINH ARMY SUPPLY DEPOT EAST, [REDACTED] [REDACTED] -- 35 BUILDINGS DAMAGED. NO RECONSTRUCTION NOTED. AREA E (2 NM ENE OF VINH AT UTM WF742658) --	1840N 10541E	0617	25X1A 25X1A 25X1A 25X1A 25X1A	128-8

25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<p>BARRACKS AREA CONTAINS 10 BARRACKS, 1 LARGE PROBABLE ADMINISTRATION, 1 MESSHALL, AND 4 SUPPORT BUILDINGS. AREA ADJACENT ON NW CONTAINS 4 DAMAGED SUPPORT BUILDINGS. TWO LARGE BOMB CRATERS OBSERVED.</p> <p>AREA F (2.3 NM EAST OF VINH AT UTM WF749646) -- BARRACKS AREA CONTAINS 9 BARRACKS, 1 MESSHALL, 8 SUPPORT (1 BEING DISMANTLED), AND SEVERAL MISCELLANEOUS BUILDINGS.</p>				
25X1A	<p>PHUC LOI NAVAL BASE</p> <p>6.3 NM NE OF VINH AT PHUC LOI UTM WF785707. COMOR</p> <p>TARGET HAS BEEN SUBJECTED TO AIR STRIKE. FACILITIES INCLUDE A T-HEAD PIER, 1 FINGER PIER WITH PONTON WHARF, 2 DAMAGED MARINE RAILWAYS, 1 LARGE SEVERELY DAMAGED BARRACKS, 5 STORAGE/SUPPORT BUILDINGS (1 SEVERELY DAMAGED), A POL STORAGE AREA, AND AN AMMUNITION STORAGE AREA WITH 4 REVETTED BUILDINGS.</p>	1844N 10545E	0617	25X1A	128-M
25X1D					

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	PHU VAN AMMUNITION DEPOT EAST 2 NM SE OF PHU VAN AT UTM WF332820. COMOR [REDACTED] AREA HAS BEEN SUBJECTED TO AIR STRIKE. THREE BUILDINGS REMAIN. NUMEROUS BOMB CRATERS OBSERVED. OB -- NONE OBSERVED.	1850N 10519E	0617	25X1A	306-O
25X1D	[REDACTED]				
25X1A	PHU VAN AMMUNITION DEPOT NORTHEAST 2.7 NM ENE OF PHU VAN AT UTM WF345841. COMOR [REDACTED] DEPOT HAS BEEN SUBJECTED TO AIR STRIKE. NO BUILDINGS REMAIN. OB -- NONE OBSERVED.	1850N 10519E	0617		306-P
25X1D	[REDACTED]				
25X1A	PHU QUI AMMUNITION DEPOT SOUTHWEST 3 NM SW OF PHU QUI. COMOR [REDACTED] FENCED DEPOT CONTAINS 21 DISPERSED CAMOUFLAGED STORAGE BUILDINGS (10 HEAVILY DAMAGED AND 11 POSSIBLY DAMAGED), 2 SUPPORT, AND 3 SMALLER DESTROYED BUILDINGS. SUPPORT AREA TO THE EAST CONTAINS APPROXIMATELY 30 BUILDINGS (3 HEAVILY DAMAGED). A SECURED AREA JUST SOUTH OF THE DEPOT CONTAINS 4 LIGHTLY DAMAGED BUILDINGS. OB -- NONE OBSERVED.	1918N 10520E	0617		291-C
25X1D	[REDACTED]				

25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>INDUSTRY</p> <p>THAI NGUYEN IRON AND STEEL COMBINE 2 NM SSE OF THAI NGUYEN. COMOR TARGET NO [REDACTED] CONSTRUCTION CONTINUES ON ROAD- AND RAIL- SERVED IRON AND STEEL PLANT WITH LIMITED PRODUCTION CAPABILITY. COMBINE IS SEGMENTED INTO 6 INTERCONNECTED AREAS AS FOLLOWS -- AREA A (ON WESTERN EDGE OF COMBINE) -- WAREHOUSE AND TRANSSHIPMENT AREA CONTAINS 20 LARGE M-ROOF WAREHOUSES, NUMEROUS SMALLER BUILDINGS, AND OPEN STORAGE. AREA B (IN SW SECTION OF COMBINE) -- ORE CONCENTRATION AREA CONTAINS 1 LARGE MONITOR-ROOF FURNACE BUILDING WITH 2 STACKS AND 6 MEDIUM ORE PREPARATION BUILDINGS CONNECTED BY CONVEYORS, APPROXIMATELY 5 SMALL BUILDINGS, AND OPEN PROBABLE ORE STORAGE. A CAR AND LOCOMOTIVE REPAIR FACILITY IMMEDIATELY SOUTH ON SOUTH EDGE OF COMBINE CONTAINS 3 LARGE BUILDINGS (2 MONITOR-ROOF). AREA C (IN SOUTH CENTRAL SECTION OF COMBINE) -- FORGE, FOUNDRY, AND MACHINE SHOP AREA CONTAINS 9 BUILDINGS (3 MONITOR-ROOF). AN ADMINISTRATION AREA CONTAINING 3 LARGE MULTISTORY MULTIWINING BUILDINGS AND 10 OTHER BUILDINGS IS IMMEDIATELY SOUTH ON SOUTH EDGE OF COMBINE. A LARGE PROBABLE SUPPORT AREA IN EARLY STAGE OF CONSTRUCTION, IS IMMEDIATELY NORTH. AREA D (ON EAST EDGE OF COMBINE) -- ROLLING MILL AREA IN EARLY STAGE OF DEVELOPMENT CONTAINS 1 LARGE ROLLING MILL UNDER</p>	2134N 10552E	0616	25X1A [REDACTED]	242-A

25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
CONSTRUCTION AND APPROXIMATELY 15 OTHER BUILDINGS. AREA E (ON NE EDGE OF COMBINE) -- BLAST FURNACE/OPEN HEARTH AREA CONTAINS 1 LARGE OPEN HEARTH FURNACE BUILDING WITH 2 SMOKE STACKS, 1 LARGE STEAMPLANT, 1 LARGE STRIPPING AND INGOT STORAGE BUILDING, 3 BLAST FURNACES, AND APPROXIMATELY 20 OTHER BUILDINGS. AREA F (IN NORTH CENTRAL SECTION OF COMBINE) -- COAL AND LIMESTONE PREPARATION AREA CONTAINS A LARGE OPEN COAL STORAGE AREA, COKING OVENS, A COKE BYPRODUCTS PLANT, A COAL PREPARATION FACILITY INCLUDING 1 LARGE BUILDING WITH AN ADJACENT SMOKESTACK AND APPROXIMATELY 10 SMALL BUILDINGS, AND A LIMESTONE PREPARATION AREA INCLUDING 1 LARGE BUILDING. A CONSTRUCTION SUPPORT AREA CONTAINING 9 BUILDINGS (7 M-ROOF), NUMEROUS SMALL BUILDINGS, AN OPEN STORAGE AREA, AND A WATER SETTLING POND ARE IMMEDIATELY NORTH OF THE FACILITY. [REDACTED] BASIC SERVICES VINH RAILROAD YARD U/C 1.2 NM NNW OF VINH. COMOR [REDACTED] AREA A (UTM WF700670) -- A TURNING WYE WHICH TERMINATES IN A CONCRETE LOCOMOTIVE REVETMENT, 3 COMPLETED SPURS, 1 SPUR UNDER CONSTRUCTION, A LOADING RAMP, AND 3 SUPPORT/STORAGE BUILDINGS. A LARGE TERMINAL BUILDING IS UNDER CONSTRUCTION AT UTM WF702662 AT TERMINUS OF A NEW RAIL SPUR.	1841N 10540E	0617	25X1A [REDACTED]	128-F

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25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>AREA B (UTM WF704665) -- 3 LARGE POSSIBLE STORAGE, 2 DESTROYED/DISMANTLED, AND APPROXIMATELY 5 MISCELLANEOUS SMALL BUILDINGS. AREA C (UTM WF702660) -- TRANSSHIPMENT AREA CONNECTED TO ROUTE 1 BY PRIMARY ROAD HAS BEEN SEVERELY DAMAGED WITH 1 LARGE BUILDING PROBABLY DAMAGED. ADJACENT SUPPORT AREA CONTAINS 11 BUILDINGS (2 MULTIWINGED). RAILS THROUGHOUT YARD HAVE BEEN INTERDICTED BY NUMEROUS BOMB CRATERS.</p> <p>[REDACTED]</p> <p>TAM DA RR AND HWY BRIDGE OVER SONG CUA LO 7.1 NM NORTH OF VINH AIRFIELD ON ROUTE ACROSS SONG CUA LO RIVER AT 18-51N 105-39E. COMOR [REDACTED] THREE-SPAN, APPROXIMATELY 450 X 25 FT, THROUGH-TYPE, REINFORCED CONCRETE AND STEEL, RAILROAD AND HIGHWAY BRIDGE IS UNSERVICEABLE WITH NORTHERN 2 SPANS IN RIVER AND ROADBED ON BOTH SIDES OF RIVER HEAVILY DAMAGED. SITE OF OLD HIGHWAY BRIDGE 400 FT WEST HAS IMPROVED ENTRANCE AND EXIT ROADS AND IS PROBABLY USED AS A SITE FOR A HEAVY PONTON BRIDGE. THREE SECTIONS OF HEAVY PONTON BRIDGE ARE OBSERVED ANCHORED WITHIN 1 NM OF BRIDGE. A 3-SECTION LIGHT PONTON BRIDGE IS IN PLACE APPROXIMATELY 1,200 FT NW OF THE DESTROYED BRIDGE. TWO SECTIONS OF THE LIGHT</p>	1850N 10539E	0617	25X1A	158-B

25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
PONTON BRIDGE ARE SHORE ANCHORED AND THE 3RD IS ATTACHED, BUT OPEN. [REDACTED]				
25X1D				
PHUONG CAN HWY BRIDGE OVER SONG HOANG MAI 2 NM NW OF PHUONG CAN. TWO SPANS OF BRIDGE DESTROYED. PONTON FOOTBRIDGE CROSSES RIVER APPROXIMATELY 0.5 NM EAST. FERRY CROSSING OBSERVED IMMEDIATELY WEST OF BRIDGE. [REDACTED]	1914N 10542E	0617	25X1A [REDACTED]	171-B
25X1D				
PORTS AND HARBORS				
CAM PHA PORT FACILITIES ON GULF OF TONKIN 3 NM EAST OF CAM PHA. COMOR [REDACTED]	2102N 10722E	0615	25X1A [REDACTED]	106
25X1A				
FACILITIES SERVING COAL MINING INDUSTRY IN THE AREA COMPRISE A LARGE COALING QUAY WITH 4 OVERHEAD CRANES CAPABLE OF BERTHING OCEAN-GOING VESSELS, A COAL STORAGE AREA WITH 5 OVERHEAD CRANES, AND A LARGE CLASSIFICATION YARD WITH ASSOCIATED STORAGE AND MAINTENANCE FACILITIES. VESSELS -- 1 LARGE FREIGHTER, 1 SMALL FREIGHTER, 2 COASTAL FREIGHTERS, 7 LIGHTERS, AND NUMEROUS OTHER SMALL CRAFT. [REDACTED]				
25X1D				
BEN THUY PORT FACILITIES 2.2 NM SE OF VINH ON WEST BANK OF SONG CA (RIVER) AT UTM WF750620. COMOR [REDACTED]	1839N 10542E	0617	25X1A [REDACTED]	128-D
25X1A				

25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
COMPLEX COMPRISES 4 STORAGE AREAS WITH APPROXIMATELY 30 STORAGE BUILDINGS, (8 DAMAGED), A LARGE SAWMILL, AN OFFSHORE WHARF, AND 1 WAREHOUSE PARTIALLY DESTROYED BY AN AIR STRIKE. THE THERMAL POWERPLANT AND RECONSTRUCTED RAIL SPUR HAVE BEEN SUBJECTED TO AN AIR STRIKE AND ARE BOTH UNSERVICEABLE. VESSELS -- 1 CAPSIZED COASTAL FREIGHTER AT OFFSHORE WHARF.				
25X1D STORAGE			25X1A	
VINH PETROLEUM PRODUCTS STORAGE 3 NM EAST OF VINH AT UTM WF761644. COMOR	1840N 10543E	0617		128-E
25X1A WALLED AREA CONTAINS 1 HEAVILY DAMAGED LARGE TANK, 1 PROBABLY DAMAGED MEDIUM TANK, 6 HEAVILY DAMAGED SMALL TANKS, 2 MEDIUM UNDERGROUND TANKS, 5 HORIZONTAL TANKS, AND APPROXIMATELY 10 SUPPORT BUILDINGS.				
25X1D				
URBAN COMPLEXES			25X1A	
THANH HOA COMPLEX COMOR	1948N 10546E	0617		126
25X1A				

25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>COMPLEX, 1 SQ MI IN AREA, CONTAINS A RAILROAD YARD, SEVERAL SMALL LIGHT INDUSTRIES, AND SEVERAL SMALL BARRACKS AREAS.</p> <p>25X1D</p>				

25X1C

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A

and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); S (snow); PC (partial coverage); O (obliquity); and PQ (poor image quality).

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